

j1132 U.S. PTO  
10/31/01

12-06-01 A

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No.	MTG009	
		First Inventor	Tadaharu Watanabe, et al.	
		Title	MATERIALS AND METHODS FOR THE PURIFICATION OF HYDRIDE GASES	
		Express Mail Label No.	EL791520271US	
<b>APPLICATION ELEMENTS</b>		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231		
1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(submit an original and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27</small> 3. <input checked="" type="checkbox"/> Specification [total pages: 23] <small>(preferred Arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R&amp;D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input type="checkbox"/> Drawing(s) [total sheets: ]				
5. <input checked="" type="checkbox"/> Oath or Declaration [total sheets: 3] <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from prior appl. (37 C.F.R. § 1.63(d))             <ul style="list-style-type: none"> <li>i. <input checked="" type="checkbox"/> DELETION OF INVENTOR(S)                Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul>				
6. <input type="checkbox"/> Application Data Sheet. (See 37 CFR 1.76)				
7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)				
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:             <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>				
<b>ACCOMPANYING APPLICATION PARTS</b>				
9. <input type="checkbox"/> Assignment Papers (coversheet/document(s))				
10. <input type="checkbox"/> 37 CFR. 3.73(b) Statement <input type="checkbox"/> Power of Attorney				
11. <input type="checkbox"/> English Translation Document				
12. <input type="checkbox"/> IDS & Form 1449 <input type="checkbox"/> Copies of IDS Citations				
13. <input type="checkbox"/> Preliminary Amendment				
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)				
15. <input type="checkbox"/> Certified Copy of Priority Document(s)				
16. <input type="checkbox"/> Request & Certification under 35 USC 122(b)(2)(B)(i)				
17. <input checked="" type="checkbox"/> Other: Certificate of Express Mail				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) <small>application information: Examiner: _____</small> of prior application No.: _____ / _____ Prior Group/Art Unit: _____				
FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
<b>19. CORRESPONDENCE ADDRESS</b>				
<input type="checkbox"/> Customer Number or Bar Code Label      or <input checked="" type="checkbox"/> Correspondence address below				
Name	<b>Steven C. Petersen</b>			
	<b>Hogan &amp; Hartson, LLP</b>			
Address	<b>1200 17<sup>th</sup> Street</b> <b>Suite 1500</b>			
City	Denver	State	CO	ZIP
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Name (Print/Type)	Sarah S. O'Rourke		Registration No.	41,226
(Signature)	<i>Sarah S. O'Rourke</i>		Date	10-31-01

# FEE TRANSMITTAL for FY 2002

**TOTAL AMOUNT OF PAYMENT (\$)** **( \$ )1988.00**

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Tadaharu Watanabe, et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	MTG009

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
**50-1123**

Deposit Account Name  
**Hogan & Hartson L.L.P.**

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

Check     Money Order     Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
740	370	Utility Filing Fee	<b>740</b>
320	160	Design filing fee	
490	245	Plant filing fee	
710	355	Reissue filing fee	
160	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>( \$ )740.00</b>	

### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
66	8		-20**= 46	X 18 = 828	
			-3***= 5	X 84 = 420	

\*\*or number previously paid, if greater. For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	84	202 42 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 **Reissue independent claims over original patent
110	18	210 9 **Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>( \$ )1248.00</b>

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge – late filing fee or oath	
50	25	Surcharge – late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for ex parte reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SIR after Examiner action	
110	55	Extension for reply within first month	
390	195	Extension for reply within second month	
890	445	Extension for reply within third month	
1,390	695	Extension for reply within fourth month	
1,890	945	Extension for reply within fifth month	
310	155	Notice of Appeal	
310	155	Filing a brief in support of an appeal	
270	135	Request for oral hearing	
1,510	1,510	Petition to institute a public use proceeding	
110	55	Petition to revive – unavoidable	
1,240	620	Petition to revive – unintentional	
1,240	620	Utility issue fee (or reissue)	
440	220	Design issue fee	
600	300	Plant issue fee	
130	130	Petitions to the Commissioner	
50	50	Processing fee under 37 CFR 1.17(q)	
180	180	Submission of Information Disclosure Stmt	
40	40	Recording each patent assignment per property (times number of properties)	
710	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
710	355	For each additional invention to be examined (37 CFR § 1.129(b))	
710	355	Request for Continued Examination	
900	900	Request for expedited examination of a design application	
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

**( \$ )**

**SUBMITTED BY** Complete (if applicable)

Name (Print/Type) **Sarah S. O'Rourke** Registration No. (Attorney/Agent) **41,226** Telephone **(720) 406-5385**

Signature

Date

**10 - 31 - 01**

EXPRESS MAIL NO. EL791520271US  
Attorney Docket No. MTG009  
Client/Matter No. 82870.0009.000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Tadaharu Watanabe and Dan Fraenkel

Serial No.: Not Yet Accorded

Filed: Not Yet Accorded

## For: MATERIALS AND METHODS FOR THE PURIFICATION OF HYDRIDE GASES

Group Art Unit: Not Yet  
Accorded

Examiner: Not Yet  
Accorded

CERTIFICATE OF MAILING BY EXPRESS MAIL

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

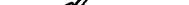
The undersigned hereby certifies that the following documents:

1. Patent Application (23 pages);
2. Utility Patent Application Transmittal;
3. Fee Transmittal (in duplicate);
4. Declarations (unexecuted);
5. Check in the amount of \$1970.00; and
6. Return postcard

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL791520271US, with the United States Postal Service, addressed to Box PATENT APPLICATION, The Assistant Commissioner for Patents, Washington, D.C., 20231.

October 31, 2001

Date

  
Jack O'Conor  
Mailer

October 31, 2001

Date

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